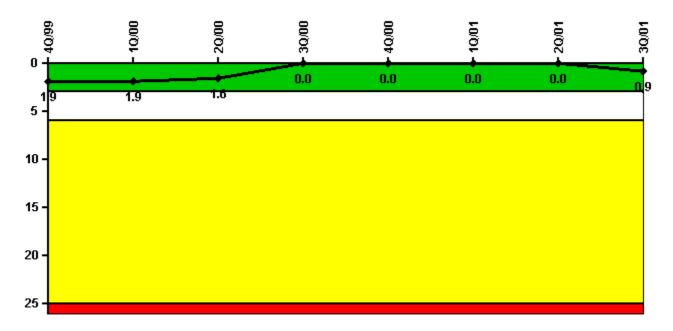
Pilgrim 1

3Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

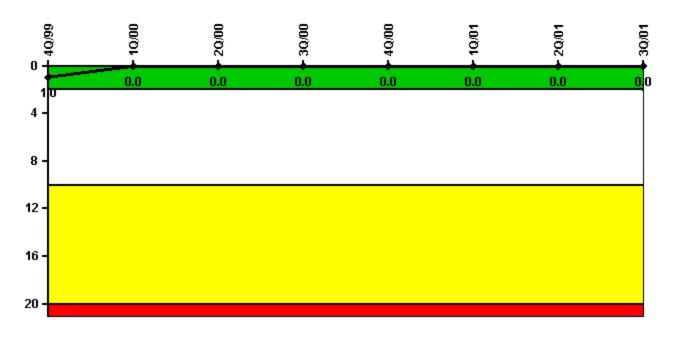
Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	2208.0	2184.0	2183.0	2156.1	2114.8	2160.0	1556.7	2115.4
Indicator value	1.9	1.9	1.6	0	0	0	0	0.9

Licensee Comments:

3Q/01: The indicator is expressed as a mixed number (unplanned automatic and manual scrams, per 7000 critical hours, for the last four quarters). Reflects unplanned automatic scram on 8/13/01.

Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

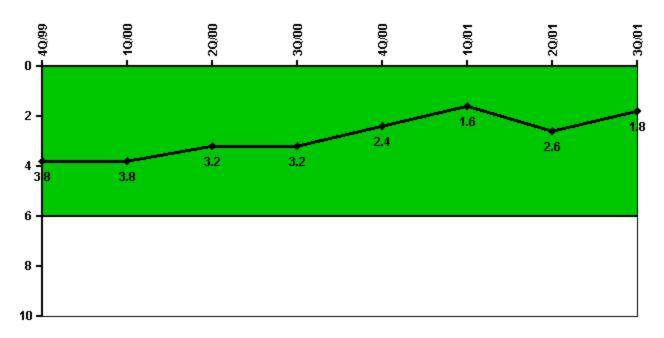
Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	0	0	0	0	0	0	0

Licensee Comments:

3Q/01: The indicator is expressed as a whole number (unplanned automatic and manual scrams while critical that also involved the loss of the normal heat removal path through the main condenser over the last 12 quarters).

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

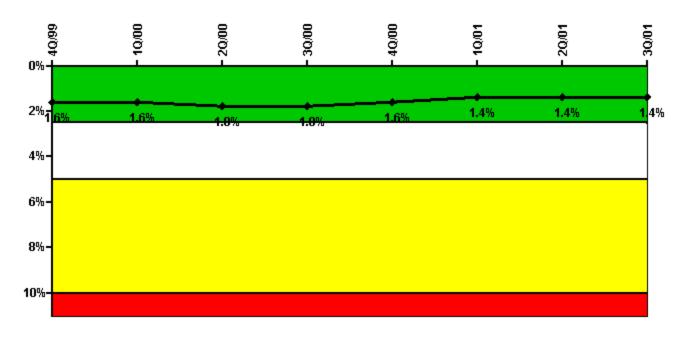
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned power changes	1.0	1.0	0	2.0	0	0	1.0	1.0
Critical hours	2208.0	2184.0	2183.0	2156.1	2114.8	2160.0	1556.7	2115.4
Indicator value	3.8	3.8	3.2	3.2	2.4	1.6	2.6	1.8

Licensee Comments:

3Q/01: The indicator is expressed as a mixed number (unplanned reactor power changes greater than 20% of full-power, per 7000 hours of critical operation, excluding automatic and manual scrams, over the last four quarters). Reflects unplanned power reduction on 9/14/01.

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

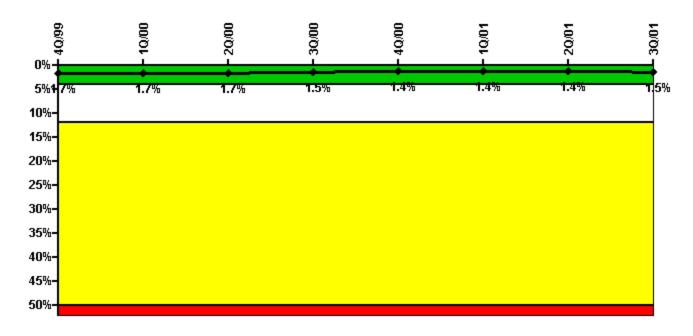
Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	0	43.47	3.60	0	0.25	0.29	11.05
Unplanned unavailable hours	67.83	0	31.23	0	0	0	0	4.87
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2184.00	2183.00	2208.00	2208.00	2160.00	1573.25	2181.70
Train 2								
Planned unavailable hours	0	2.25	0	16.00	0	0.35	1.13	0.68
Unplanned unavailable hours	0	0	80.20	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2184.00	2183.00	2208.00	2208.00	2160.00	1573.25	2181.70
Indicator value	1.6%	1.6%	1.8%	1.8%	1.6%	1.4%	1.4%	1.4%

Licensee Comments:

3Q/01: The indicator is expressed as an average of the unavailablity of Trains 1 and 2 for the last 12 quarters.

Safety System Unavailability, High Pressure Injection System (HPCI)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	20.85	46.65	9.81	28.59	7.50	7.00	4.06	24.21
Unplanned unavailable hours	0	0	0.10	15.42	0	6.00	0	0
Fault exposure hours	0	0	0	11.79	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2184.00	2183.00	2208.00	2116.00	2160.00	1525.00	2121.00
Indicator value	1.7%	1.7%	1.7%	1.5%	1.4%	1.4%	1.4%	1.5%

Licensee Comments:

3Q/01: The indicator is expressed as the unavailability of the system over the last 12 quarters.

Safety System Unavailability, Heat Removal System (RCIC)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

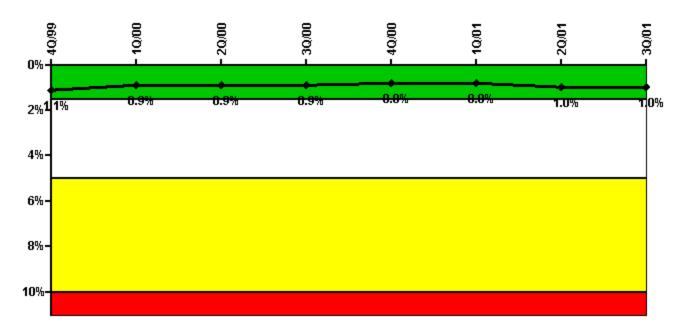
Notes

Safety System Unavailability, Heat Removal System (RCIC)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	22.15	34.32	10.56	14.97	26.70	15.00	3.80	13.72
Unplanned unavailable hours	0	0	0	0	12.80	1.00	1.40	0.73
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2184.00	2183.00	2208.00	2116.00	2160.00	1525.00	2121.00
Indicator value	1.4%	1.5%	1.4%	1.1%	1.2%	1.2%	1.2%	1.2%

Licensee Comments:

3Q/01: The indicator is expressed as the unavailability of the system over the last 12 quarters. Reflects unplanned hours that occurred on 7/25/01.

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

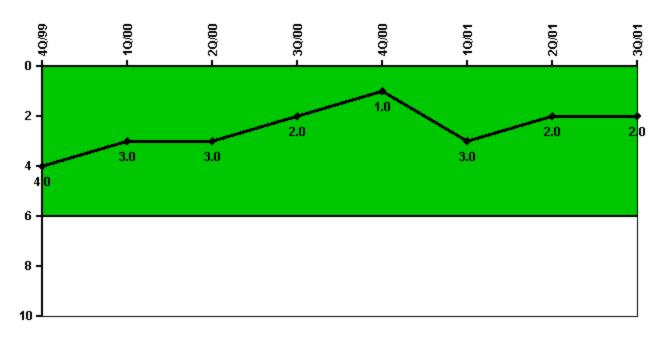
Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	5.65	0	0	0	6.62	18.95	0	0
Unplanned unavailable hours	0	0	0	0	0	1.68	0.30	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2184.00	2183.00	2208.00	2208.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0	0	5.42	12.16	0	108.85	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2184.00	2183.00	2208.00	2208.00	2160.00	2183.00	2208.00
Indicator value	1.1%	0.9%	0.9%	0.9%	0.8%	0.8%	1.0%	1.0%

Licensee Comments:

3Q/01: The indicator is expressed as an average of the unavailability for Trains 1 and 2. Reflects revision of Train 1 and Train 2 planned unavailable hours for 2Q-2001 that is included in the change report for 2Q-2001.

2Q/01: Reflects revision of the Train 1 planned unavailability hours (from 53.03 to zero) and Train 2 planned unavailability hours (from 181.27 to 108.85).

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

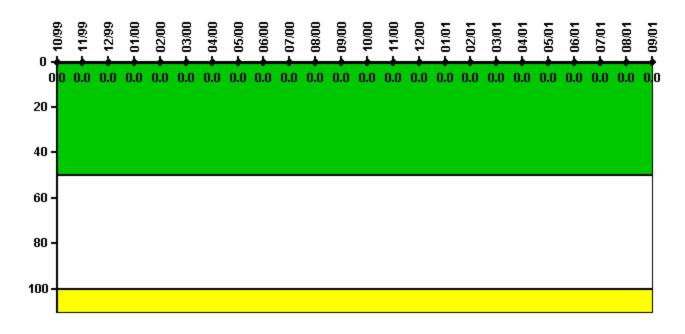
Notes

Safety System Functional Failures (BWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Safety System Functional Failures	1	0	1	0	0	2	0	0
Indicator value	4	3	3	2	1	3	2	2

Licensee Comments:

3Q/01: The indicator is expressed as a whole number (reports submitted under 10 CFR 50.73 in the last four quarters).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

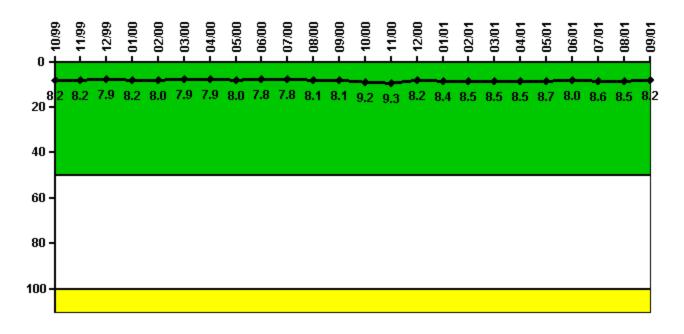
Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.005740	0.006420	0.003930	0.003070	0.003840	0.003940	0.005250	0.005940	0.004210	0.004550	0.004290	0.004100
Technical specification limit	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Reactor Coolant System Activity Maximum activity			12/00 0.005010		=		=					=
		0.004320	0.005010	0.006560	0.002670	0.003420	0.003490	0.002800	0.003140	0.002850	0.003030	0.002270
Maximum activity	0.004770	0.004320	0.005010	0.006560	0.002670	0.003420	0.003490	0.002800	0.003140	0.002850	0.003030	0.002270

Licensee Comments:

9/01: Maximum calculated RCS activity in micro-Curies per gram total Iodine, expressed as a percentage of the Technical Specifications limit. Technical Specifications specify total Iodine, does not specify dose equivalent Iodine-131.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

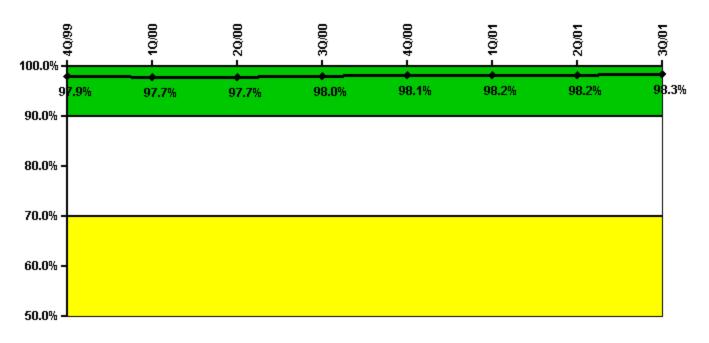
Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	2.040	2.060	1.970	2.060	2.010	1.970	1.980	1.990	1.950	1.950	2.020	2.030
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.2	8.2	7.9	8.2	8.0	7.9	7.9	8.0	7.8	7.8	8.1	8.1
Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Reactor Coolant System Leakage Maximum leakage	2.300	11/00 2.330	=	1/01 2.100	브	=	브			브	브	=
		2.330	=	2.100	2.130	2.130	2.120	2.180		2.140	브	=
Maximum leakage	2.300	2.330	2.040	2.100	2.130	2.130	2.120	2.180	2.000	2.140	2.130	2.060

Licensee Comments:

9/01: Maximum total leakage (un-identified plus identified) in gpm for each month, expressed as a percentage of Technical Specification limit. Technical Specifications specify un-identified leakage and total leakage, does not specify identified leakage.

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

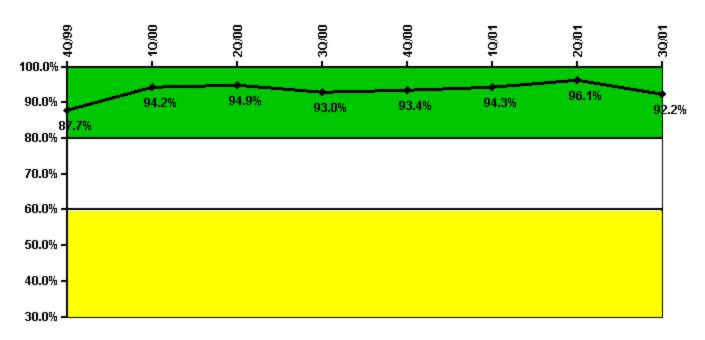
Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful opportunities	63.0	26.0	78.0	9.0	26.0	6.0	2.0	28.0
Total opportunities	65.0	27.0	79.0	9.0	26.0	6.0	2.0	28.0
Indicator value	97.9%	97.7%	97.7%	98.0%	98.1%	98.2%	98.2%	98.3%

Licensee Comments:

3Q/01: The indicator is expressed as a percentage (drill, exercise, and actual opportunities that were performed timely and accurately during the last eight quarters).

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

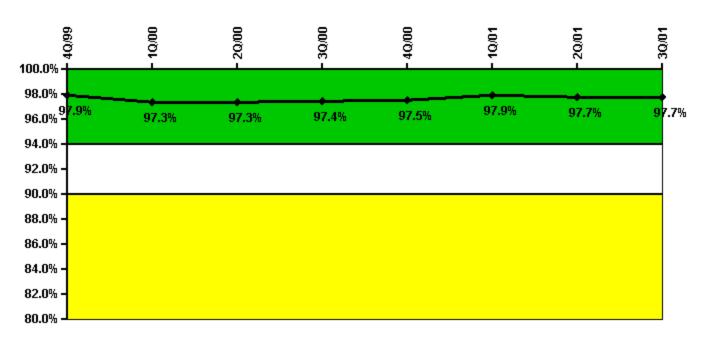
Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Participating Key personnel	50.0	49.0	56.0	53.0	57.0	50.0	49.0	47.0
Total Key personnel	57.0	52.0	59.0	57.0	61.0	53.0	51.0	51.0
Indicator value	87.7%	94.2%	94.9%	93.0%	93.4%	94.3%	96.1%	92.2%

Licensee Comments:

3Q/01: The indicator is expressed as a percentage (key members of the ERO that have participated in a drill, exercise, or actual event in the last eight quarters).

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

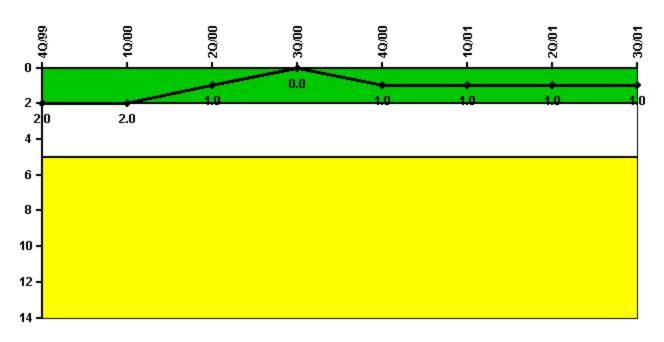
Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful siren-tests	436	324	330	328	437	330	328	328
Total sirens-tests	448	336	336	336	448	336	336	336
Indicator value	97.9%	97.3%	97.3%	97.4%	97.5%	97.9%	97.7%	97.7%

Licensee Comments:

3Q/01: The indicator is expressed as a percentage (ANS sirens that are capable of performing their function, as measured by siren testing in the last 12 months).

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

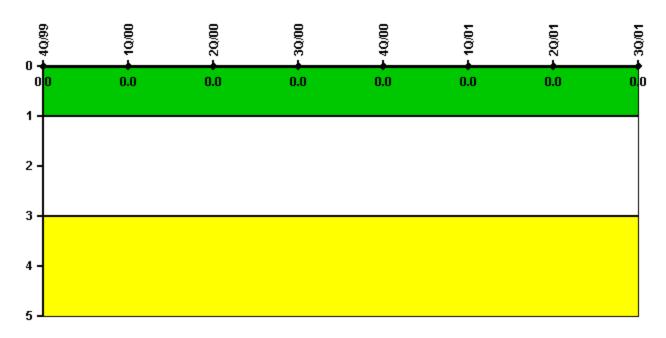
Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
High radiation area occurrences	0	0	0	0	1	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	2	2	1	0	1	1	1	1

Licensee Comments:

3Q/01: The indicator is expressed as the sum of occurrences of three data elements during the last four quarters.

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

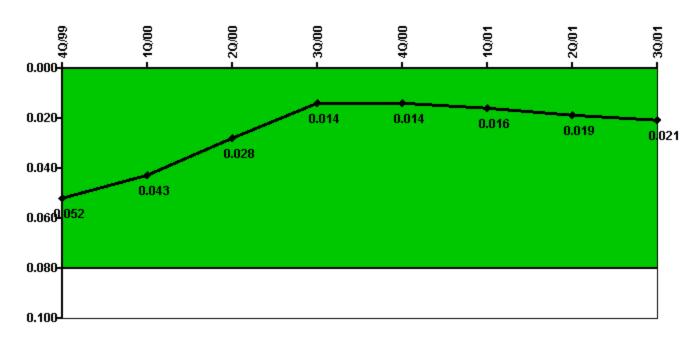
Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments:

3Q/01: The indicator is expressed as a whole number (RETS/ODCM radiological effluent occurrences in the last four quarters). Analysis results of effluents for September 2001 were not available when this data was submitted because the results of laboratory analysis of samples for September 2001 will not be available until October. Weekly calculations completed through September 30th indicate cumulative doses for 3Q-2001 were well below the specified values. The sample analysis results for 3Q-2001 will be reflected in the January 2002 data submittal (fror 4Q-2001). The sample analysis results for 2Q-2001 were as reported in the July 2001 data submittal (for 2Q-2001).

Protected Area Security Performance Index



Thresholds: White > 0.080

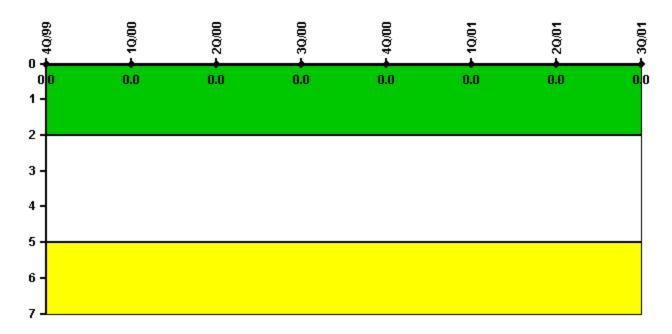
Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
IDS compensatory hours	61.00	93.50	95.60	268.90	60.10	137.10	151.10	73.20
CCTV compensatory hours	0	0	0	0	0	12.4	36.6	118.5
IDS normalization factor	2.30	2.30	2.15	2.15	2.15	2.15	2.15	2.15
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.052	0.043	0.028	0.014	0.014	0.016	0.019	0.021

Licensee Comments:

3Q/01: The indicator is expressed as an average of the unavailability index for protected area equipment.

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

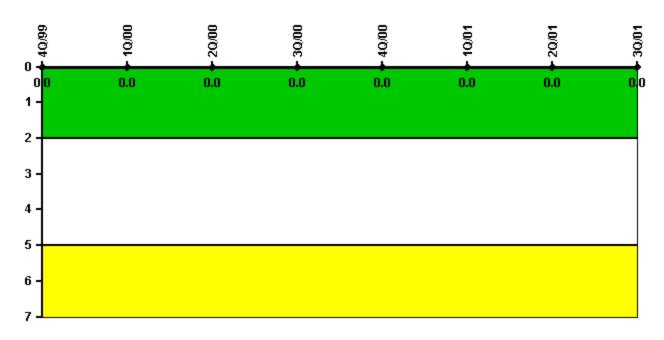
Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments:

3Q/01: The indicator is expressed as a whole number (sum of failures to implement the requirements of 10 CFR 73.56 and 73.57 that were reportable for the last four quarters).

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments:

3Q/01: The indicator is expressed as a whole number (sum of reportable failures to properly implement the requirements of 10 CFR 26 and 10 CFR 73.56 for the last four quarters).

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PI Summary | Inspection Findings Summary | Action Matrix Summary | Reactor Oversight Process

Last Modified: March 26, 2002